

**Please add the following Abstract of the Disclosure:**

**Abstract**

The present invention relates to fibre compositions. In particular, the present invention concerns a process for producing a fibre composition comprising a lignocellulosic fibre material and a synthetic, electrically conductive polymer formed by polymerized monomers. The invention provides for good adhesion between the fibre matrix and the polymer, because the monomer is polymerized directly on the fibre. The conductivity of the polymer is improved and the electrical properties and conductivity levels of the modified fibre can be adjusted by changing the amounts of the electrically conductive polymer.